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(54) Video terminal switching device and video signal branching device.

(57) First aspect of the invention comprises a video terminal switching device in a plurality of video terminals (VT1, VT2) which are serially connected to each other and each comprising terminal controllers (22, 24), video monitors (23, 25), video monitors (23, 25), switching devices composed of selector switches (26, 28), transmit-receive circuits (33, 34) and a video signal processor (21) wherein the controllers (22, 24) issue a video signal, the selector switches (26, 28) can select, upon reception of a command signal issued by the video signal processor, (21) the video signal issued by a self terminal (VT1, VT2) is relayed to be issued by the controllers (22, 24) in self video terminals (VT1, VT2) or a video signal issued by controllers in non-self downstream video terminals and relay the selected video signal to upstream video terminals (VT) and the transmit-receive circuits (33, 34) receive and send the command signal from the video signal processor (31) for switching the selector switches (26, 28), characterized in that the video terminal further comprises video amplifier (27, 29) connectors to output terminals of the terminal controllers (22, 24) and each having transmission compensation function, the video signal issued by the terminal controllers (22, 24) are relayed to the upstream video terminals by way of the video amplifiers (27, 29) and the selector switches (26, 28) and the video monitors are connected to the output terminals of the terminal controllers (22, 24). Second aspect of the invention comprises a video signal branching device in a video terminal for branching a video signal, which is to be transmitted to a CRT display, into another device, the video signal branching device comprising a basic circuit unit (50) composed of a plurality of basic modules (X) and an option circuit unit (60) comprising a plurality of option modules (Y2 to Y5), characterized in that the basic module (X) comprises an input circuit composed of one input connector (51), one module connecting connector (52P) to be connected to the input connector (51), a terminal resistor (53) and a switch (54) to be ON or OFF to prevent the reflective signal from generating at the input terminal of the CRT display, and a branching output circuit composed of an amplifier (55) having a cable compensation function and one outputting connector (56) for outputting an amplified signal, and the option module composed of a module connecting connector (70) capable of connecting the module connecting connector (52Q) of the input circuit to an outputting connector (61) for connecting to the CRT display.

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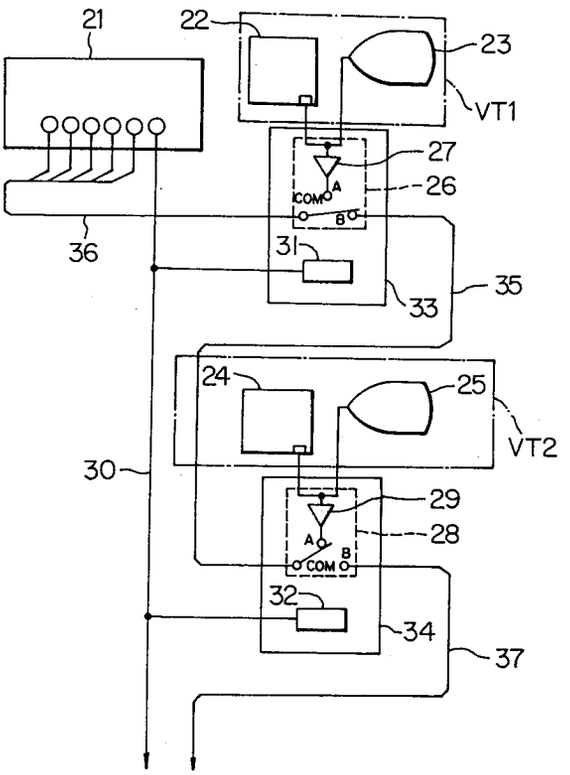
FIG. 1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EUROPEAN SEARCH REPORT

Application Number
EP 92 10 1184

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	PATENT ABSTRACTS OF JAPAN vol. 13, no. 74 (E-717)20 February 1989 & JP-A-63 254 881 (SHINKO ELECTRIC CO. LTD.) 21 October 1988 * abstract * ---	1,2	G06F3/14
A	EP-A-0 263 799 (G.CAPORALI) 7 October 1986 * Abstract * * column 8, line 42 - column 11, line 3; figures 1,7-9 * -----	1-3,5	

TECHNICAL FIELDS SEARCHED (Int. Cl.5)

G06F
G09B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	18 AUGUST 1993	CORSI F.

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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